

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.60	09/22/2016 09/22/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2098_01_f_2014_3				
Comment Code					
Inspector Comment					
RD 2098 Has on file O+M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2098_01_f_2014_4				
Comment Code					
Inspector Comment					
RD 2098 Has Emergency Supplies in storage along with Equipment.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.60	09/22/2016 09/22/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD2098_01_f_2014_5				
Comment Code					
Inspector Comment					
RD 2098 Has their team well prepared for Flood Fight.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	11
LM End	3.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.329090 °	38.277410 °
				-121.694065 °	-121.696280 °
DWR ID	DWR_RD2098_01_f_2016_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
RD 2098 Unit 1 looking downstream there is no unwanted vegetation on the levee slope.					

Photo 1 of 1 : FA_2016_RD2098_244_11_20160926_00022.jpg



RD2098 landside levee slope, looking downstream.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.60	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.03	Rating **	A	Issue No.	12
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.328680 °	38.322577 °
				-121.694083 °	-121.694028 °
DWR ID	DWR_RD2098_01_f_2016_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation on the water side levee slope.					

Photo 1 of 1 : FA_2016_RD2098_244_12_20160926_00023.jpg



RD 2068 Waterside levee slope Unit 1 looking downstream from levee mile 0.03-0.45.

LM Start	0.45	Rating **	M	Issue No.	13
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.322577 °	38.320957 °
				-121.694028 °	-121.694037 °
DWR ID	DWR_RD2098_01_f_2016_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Weeds sprayed in this section of levee were not removed from the slope.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
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M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
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Reclamation District No. 2098 Cache and Haas Slough

RD 2098 Unit 1A looking downstream from the landside 0.00.

RD 2098 Unit 1A looking downstream from the waterside slope.

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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee	Right	0.53	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.01	Rating **	A	Issue No.	4							
LM End	0.54	Issue Type +	Ma	Location *	CR							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Vegetation		38.277388°	38.275847°								
			-121.696465°	-121.705833°								
DWR ID	DWR_RD2098_01A_s_2014_4											
Comment Code												
V9 : Keep the crown roadway free of vegetation.												
Inspector Comment												


No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

Photo 1 of 1 : FA_2016_RD2098_246_8_20161102_00017.jpg



RD 2098 Unit 2 looking downstream from levee mile 5.30 - 6.72 landside slope.

Photo 1 of 1 : FA_2016_RD2098_246_9_20161102_00016.jpg



A photograph showing a wide, gravel-covered road or levee running parallel to a body of water on the left. The road surface is light-colored gravel with some reddish-brown patches. The water is dark blue, and the sky is clear and blue with a few distant clouds. The horizon shows some trees and utility poles.

RD 2098 Unit 2 levee mile 5.30-6.72 looking downstream waterside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

LM Start	5.89	Rating **	M	Issue No.	11
LM End	5.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.283073 °	38.283073 °
				-121.711120 °	-121.711120 °
DWR ID	DWR_RD2098_02_f_2016_11				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree need to be removed from the waterside slope.					

Photo 1 of 1 : FA_2016_RD2098_246_11_20161102_00018.jpg



RD 2098 Unit 2 looking downstream from levee mile 5.89 waterside slope.

LM Start	6.12	Rating **	M	Issue No.	12
LM End	6.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.284348°	38.284348°
				-121.714682°	-121.714682°
DWR ID	DWR_RD2098_02_f_2016_12				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove this nut tree from the landside slope.					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
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U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

LM Start	6.72	Rating **	U	Issue No.	14
LM End	6.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292325°	38.292467°
				-121.715957°	-121.716138°
DWR ID	DWR_RD2098_02_f_2016_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the waterside shoulder and slope.					

Photo 1 of 1 : FA_2016_RD2098_246_14_20161102_00019.jpg



RD 2098 Unit 2 waterside slope levee mile 6.72-6.74.

LM Start	6.72	Rating **	U	Issue No.	13
LM End	6.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292325 °	38.292572 °
				-121.715957 °	-121.716238 °
DWR ID	DWR_RD2098_02_f_2016_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall milk weed from the landside slope and shoulder.					

Photo 1 of 1 : FA_2016_RD2098_246_13_20161102_00020.jpg



RD 2098 Unit 2 landside levee slope looking downstream levee mile 6.72-6.75.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

LM Start	6.74	Rating **	U	Issue No.	16
LM End	6.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.292467°	38.292467°
				-121.716138°	-121.716138°
DWR ID	DWR_RD2098_02_f_2016_16				
Comment Code					
Inspector Comment					
Repair this gate that has been damaged.					

Photo 1 of 1 : FA_2016_RD2098_246_16_20161102_00021.jpg



Levee mile 6.74 crown roadway gate crossing.

LM Start	6.75	Rating **	M	Issue No.	17
LM End	6.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292572 °	38.292922 °
				-121.716240 °	-121.717028 °
DWR ID	DWR_RD2098_02_f_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the annual grasses from the landside slope levee mile 6.75-6.80.					

No Photos

LM Start	6.75	Rating **	M	Issue No.	4
LM End	6.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292572 °	38.292947 °
				-121.716240 °	-121.717110 °
DWR ID	DWR_RD2098_02_f_2016_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the annual weeds from the waterside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

LM Start	6.78	Rating **	M	Issue No.	15
LM End	6.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.292838°	38.292917°
				-121.716733°	-121.717160°
DWR ID	DWR_RD2098_02_f_2015_15				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Need to add material to the damaged slope caused by goats.					

Photo 1 of 2 : FA_2016_RD2098_246_15_20160919_00003.jpg



Slope damage caused by goats. Spring 2016

LM Start	6.78	Rating **	M	Issue No.	15 (cont)
LM End	6.80	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2016_RD2098_246_15_20161102_00022.jpg



Looking downstream levee mile 6.78-6.80 slope damaged by resident goats. (Fall 2016).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

LM Start	7.03	Rating **	M	Issue No.	18
LM End	7.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292983 °	38.292992 °
				-121.721312 °	-121.722023 °
DWR ID	DWR_RD2098_02_f_2016_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the vegetation on the landside levee mile 7.03-7.07.					

No Photos

LM Start	7.07	Rating **	U	Issue No.	19
LM End	7.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292993 °	38.292992 °
				-121.722033 °	-121.723917 °
DWR ID	DWR_RD2098_02_f_2016_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the tall milk weed from the landside slope and shoulder.					

Photo 1 of 1 : FA_2016_RD2098_246_19_20161102_00023.jpg



RD 2098 Unit 2 levee mile 7.07-7.17 landside shoulder and slope looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

LM Start	7.07	Rating **	U	Issue No.	20
LM End	7.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292993 °	38.292990 °
				-121.722077 °	-121.723920 °
DWR ID	DWR_RD2098_02_f_2016_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Tall milk weed needs removing from waterside slope and shoulders.					

Photo 1 of 1 : FA_2016_RD2098_246_20_20161102_00024.jpg



RD 2098 Unit 2 looking downstream waterside shoulder and slope levee mile 7.07-7.17.

LM Start	7.14	Rating **	U	Issue No.	5
LM End	7.14	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.292962 °	38.292962 °
				-121.723312 °	-121.723312 °
DWR ID	DWR_RD2098_02_f_2013_5				
Comment Code					
Inspector Comment					
Gate damage, make repairs to this gate. This gate could cause injury to someone.					

Photo 1 of 3 : FA_2016_RD2098_246_5_20161102_00025.jpg



RD 2098 Unit 2 levee mile 7.14 crown crossing.

LM Start	7.14	Rating **	U	Issue No.	5 (cont)
LM End	7.14	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : FA_2016_RD2098_246_5_20161102_00029.jpg



RD 2098 Unit 2 levee mile 7.14.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	1.89	09/22/2016 09/22/2016	Herman Phillips

LM Start	7.14	Rating **	U	Issue No.	5 (cont)	
LM End	7.14	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Repair Gates			38.292962 °		38.292962 °
				-121.723312 °		-121.723312 °
DWR ID	DWR_RD2098_02_f_2013_5					
Comment Code						
Inspector Comment						
Gate damage, make repairs to this gate. This gate could cause injury to someone.						

Photo 3 of 3 : FA_2016_RD2098_246_5_20161102_00030.jpg



RD 2098 Unut 2 levee mile 7.14

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.94	09/22/2016 09/22/2016	Herman Phillips

LM Start	7.19	Rating **	U	Issue No.	2
LM End	7.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.293178 °	38.294705 °
				-121.724220 °	-121.725130 °
DWR ID	DWR_RD2098_03_f_2016_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the tall vegetation from the landside slope.					

Photo 1 of 1 : FA_2016_RD2098_247_2_20161102_00011.jpg



RD 2098 Looking downstream from levee mile 7.19 landside slope.

LM Start	7.19	Rating **	U	Issue No.	8
LM End	7.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.293178 °	38.294705 °
				-121.724215 °	-121.725133 °
DWR ID	DWR_RD2098_03_f_2016_8				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the tall dead vegetation from the water side slope.					

Photo 1 of 1 : FA_2016_RD2098_247_8_20161102_00007.jpg



RD 2098 Unit 3 levee mile 7.19-7.31 waterside slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.94	09/22/2016 09/22/2016	Herman Phillips

LM Start	7.33	Rating **	M	Issue No.	3
LM End	7.72	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.294858 °	38.299606 °
				-121.725433 °	-121.728621 °
DWR ID	DWR_RD2098_03_f_2016_3				
Comment Code					
Inspector Comment					
2011 - Large vertical erosion pockets and bank slumping. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: HAS_7-9_L]					

No Photos

LM Start	7.37	Rating **	M	Issue No.	11
LM End	8.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295418 °	38.305932 °
				-121.725657 °	-121.730000 °
DWR ID	DWR_RD2098_03_f_2016_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the dead vegetation growth from the waterside slope.					

No Photos

LM Start	7.37	Rating **	M	Issue No.	6
LM End	7.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.295460 °	38.296799 °
				-121.725750 °	-121.727510 °
DWR ID	DWR_RD2098_03_s_2013_6				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
This erosion is caused by the resident goats in the area. They are corralled in this location with full access to the levee .					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.94	09/22/2016 09/22/2016	Herman Phillips

LM Start	7.51	Rating **	U	Issue No.	1
LM End	7.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.296846°	38.296846°
				-121.727546°	-121.727546°
DWR ID	DWR_RD2098_03_f_2016_1				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Make the repairs to the erosion site listed.					

LM Start	7.51	Rating **	U	Issue No.	1 (cont)
LM End	7.51	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : FA_2016_RD2098_247_1_20161102_00008.jpg



RD 2098 Unit 3 levee mile 7.51 landside slope.

Photo 2 of 3 : FA_2016_RD2098_247_1_20161102_00009.jpg



Close up. Looking downstream.

LM Start	7.51	Rating **	U	Issue No.	1 (cont)
LM End	7.51	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA_2016_RD2098_247_1_20161102_00010.jpg



Looking upstream.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.94	09/22/2016 09/22/2016	Herman Phillips

LM Start	7.74	Rating **	M	Issue No.	10
LM End	8.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299780 °	38.305952 °
				-121.728398 °	-121.730053 °
DWR ID	DWR_RD2098_03_f_2016_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the vegetation on the landside slope.					

No Photos

LM Start	7.87	Rating **	M	Issue No.	9
LM End	7.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.301707 °	38.301707 °
				-121.728045 °	-121.728045 °
DWR ID	DWR_RD2098_03_s_2014_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.95	09/22/2016 09/22/2016	Herman Phillips

LM Start	9.13	Rating **	A	Issue No.	10
LM End	12.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.315820°	38.357841°	
			-121.739982°	-121.740400°	
DWR ID	DWR_RD2098_04_f_2016_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD2098_248_10_20161102_00018.jpg



RD 2098 Unit 4 levee mile 9.13 looking downstream.

LM Start	9.16	Rating **	A	Issue No.	11
LM End	12.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.316250°	38.357841°	
			-121.740098°	-121.740400°	
DWR ID	DWR_RD2098_04_f_2016_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.95	09/22/2016 09/22/2016	Herman Phillips

LM Start	9.44	Rating **	M	Issue No.	1
LM End	9.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.320240 °	38.324587 °
				-121.740183 °	-121.740254 °
DWR ID	DWR_RD2098_04_f_2016_1				
Comment Code					
Inspector Comment					
2011 - Several scallops of erosion. Erosion primarily due to the weight of cattle on the slope. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: HAS_9-7_L]					

No Photos

LM Start	9.68	Rating **	M	Issue No.	8
LM End	9.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.323749°	38.324467°
				-121.740148°	-121.740155°
DWR ID	DWR_RD2098_04_s_2014_8				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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